

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An implant ~~Implant~~ (1) for the bone fixation
 - A) consisting of a combination of ~~the two materials~~ metal and plastic materials; and
 - B) at least one passage (2) running through the implant (1) with an axle (3) for receiving a bone fixation device;
~~characterised in that~~wherein
 - C) the passage (2) is provided with a peripheral perimeter (4) that is made of a ~~different material that~~ is different than a material of the implant material (1) surrounding the perimeter (4); and
 - D) the peripheral ~~perimeters~~ perimeter (4) ~~are~~ is linked form-fittingly rigidly to the plastic material (7) of the implant.
2. (Currently Amended) ~~Implant~~ The implant (1) in accordance with claim 1, ~~characterised in that~~ wherein the perimeter (4) is ring-shaped or sleeve-shaped.

3. (Currently Amended) ~~Implant~~The implant (1) in accordance with claim 1, characterised in that wherein the perimeter (4) is ~~provided with~~has a polygonal external form.

4. (Currently Amended) ~~Implant~~The implant (1) in accordance with ~~one of the claims 1 to 3, characterised in that it~~claim 1, wherein the implant is formed as a bone plate that is provided with a bottom side (5) and an upper side (6) suitable for the bone contact, wherein the passage (2) connects the upper side (6) to the bottom side (5).

5. (Currently Amended) ~~Implant~~The implant (1) in accordance with ~~one of the claims 1 — 4, characterised in that~~claim 1, wherein the perimeter (4) is made of one of a metal and of a metal alloy, and wherein ~~and that~~ the material surrounding the perimeter (4) is plastic.

6. (Currently Amended) ~~Implant~~The implant (1) in accordance with ~~one of the claims 1 — 4, characterised in that~~claim 1, wherein the perimeter (4) is made of a plastic and ~~that~~wherein the material surrounding the perimeter (4) is ~~a~~one of a metal of ~~and~~ a metal alloy.

7. (Currently Amended) ~~Implant~~The implant (1) in accordance with ~~one of the claims 1 — 6, characterised in that~~claim 1, wherein the plastic material is chosen from the Polyaryletherketone (PAEK)(PEEK) family.

8. (Currently Amended) ~~Implant~~ The implant (1) in accordance with ~~one of the claims 1—6~~, characterised in that claim 1, wherein PEEK is used as the plastic material.

9. (Currently Amended) ~~Implant~~ The implant (1) in accordance with ~~one of the claims 1—8~~, characterised in that claim 1, wherein the plastic material is reinforced with a reinforcing material selected from the group consisting of ; preferably with carbon fibres fibers and or PEEK fibres fibers.

10. (Currently Amended) ~~Implant~~ The implant (1) in accordance with ~~one of the claims 1—9~~, characterised in that claim 1, wherein the metal material is selected from the group consisting of titanium, is a titanium alloy, and or implant steel.

11. (Currently Amended) ~~Implant~~ The implant (1) in accordance with ~~one of the claims 1—10~~, characterised in that claim 1, wherein the elements of the implant that are made of plastic are covered with a coating, said coating being selected from the group consisting of titanium and or a-Hydroxylapatite layer.

12. (Currently Amended) ~~Implant~~ The implant (1) in accordance with ~~one of the claims 1—11~~, characterised in that claim 1, wherein the perimeter (4) is provided with a sleeve-shaped extension (8) serving as a target aid for a the bone fixation device.

13. (Currently Amended) ~~Implant~~ The implant (1) in accordance with claim 12, ~~characterised in that~~ wherein the extension (8) is formed on the perimeter (4) ~~and wherein and both~~ the extension and the perimeter are made of plastic.

14. (Currently Amended) ~~Implant~~ The implant (1) in accordance with ~~one of the claims 1—12,~~ claim 1, ~~characterised in that~~ wherein the perimeter (4) is made of a metal or a metal alloy and is set lowered in the plastic surrounding the perimeter (4), vis-à-vis the upper side (6).

15. (Currently Amended) ~~Implant~~ The implant (1) in accordance with ~~one of the claims 1—12,~~ claim 1, ~~characterised in that~~ wherein the perimeter (4) is made of a metal or a metal alloy and set raised in the plastic surrounding the perimeter (4), vis-à-vis the upper side (6).

16. (Currently Amended) ~~Implant~~ The implant (1) in accordance with ~~one of the claims 1—15,~~ claim 1, ~~characterised in that~~ wherein the a level containing or laid on the perimeter (4) has an angle in the range 0.1° to 20.0° to the plate level.

17. (Currently Amended) ~~Implant~~ The implant (1) in accordance with ~~one of the claims 1—15,~~ claim 1, ~~characterised in that it is provided~~ further comprising with at least two passages (2) running through the implant (1) with an axle (3) for receiving a the bone fixation device.

18. (Currently Amended) ~~Implant~~ The implant (1) in accordance with ~~one of the claims 1—17,~~ characterised in that claim 17, wherein, at least two of the passages (2) running through the implant (1) are provided with a peripheral perimeter (4) that is made of a different material than the material of the implant (1) surrounding the perimeter (4).

19. (Currently Amended) ~~Implant~~ The implant in accordance with ~~one of the claims 1—18,~~ characterised in that claim 18, wherein the peripheral perimeters (4) are joined to each other in one piece by several passages (2) running through the implant (1).

20. (Currently Amended) ~~Implant~~ The implant in accordance with ~~one of the claims 1—19,~~ characterised in that claim 18, wherein several peripheral perimeters (4) are joined to each other in the form of a grid.

21. (Currently Amended) ~~Implant~~ The implant in accordance with ~~one of the claims 1—20,~~ characterised in that it comprises claim 18, further comprising at least one bone fixation device that can be inserted into the passages (2), and wherein the at least one bone fixation device is preferably a bone screw, which—that is positioned in poly-axial direction in relation to the implant.

22. (Currently Amended) ~~Implant~~ The implant in accordance with ~~one of the claims 1—21,~~ characterised in that it comprises claim 18, further comprising at least one bone fixation device that can be inserted into the passages (2), and wherein the

at least one bone fixation device is preferably a bone screw, which that can be connected with the implant at a with stable angle.

23. (Canceled)